

U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

EXPRESS MAIL LABEL NO.: EV 725 077 407 US

June 17, 2005

10/539955 PCT

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER: 5200.P0067US

U.S. APPLICATION NO.

Confirmation No.: Unknown

(If known, see 37 CFR 1.5): Unknown

INTERNATIONAL APPLICATION NO.: PCT/EP03/012050

INTERNATIONAL FILING DATE: October 30, 2003

PRIORITY DATE CLAIMED: December 21, 2002

TITLE OF INVENTION: METHOD FOR THE ECONOMICAL PRODUCTION OF HEAT EXCHANGER TUBES BENT IN A  
U-SHAPE

APPLICANT(S) FOR DO/EO/US: Horst GLATZ, Eberhard LEPIN, Gerhard SCHUEZ, Martin STRAUB

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - A. Formal Drawings (6 sheets)
  - B. Cover Sheet of WO 2004/056502 A1
  - C. Post Card

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(if known, see 37 CFR 1.5):

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The following fees have been submitted:

Calculations PTO USE ONLY

21. [X] BASIC NATIONAL FEE .....\$300.00

\$300.00

22. [X] EXAMINATION FEE

If International preliminary examination report prepared by USPTO and all claims

satisfy provisions of PCT Article 33(1)-(4).....\$100.00

All other situations .....\$200.00

\$200.00

23. [X] SEARCH FEE

Search fee (37 CFR 1.445(a)(2) has been paid on the international application to

the USPTO as an International Searching Authority.....\$100.00

International Search Report prepared and provided to the Office .....\$400.00

All other situations .....\$500.00

\$400.00

TOTAL OF 21, 22 AND 23 =

\$900.00

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total sheets \_\_\_\_ - 100 = Extra sheets \_\_\_\_/50 = Number of each additional 50 or fraction thereof \_\_\_\_ x \$250 .....

\$0.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	16 - 20 =	0	X \$ 50.00	\$0.00
Ind. claims	2 - 3 =	0	X \$200.00	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$900.00

[ ] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.

SUBTOTAL

=

\$900.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).

+

\$0.00

TOTAL NATIONAL FEE

=

\$900.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

\$0.00

TOTAL FEES ENCLOSED

=

\$900.00

Amount to be refunded: \$

Amount to be charged: \$

a. [X] A check in the amount of \$900.00 to cover the above fees is enclosed.

b. [ ] Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

IN DUPLICATE

PLEASE DIRECT CORRESPONDENCE TO THE ADDRESS  
ASSOCIATED WITH THE FOLLOWING CUSTOMER  
NUMBER: 23474

David G. Boutell  
Registration Number: 25 072  
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Express Mail Label No.: EV 725 077 407 US

Date of Mailing: June 17, 2005

Applicant(s): Horst GLATZ, et al.

Title: METHOD FOR THE ECONOMICAL PRODUCTION OF HEAT EXCHANGER  
TUBES BENT IN A U-SHAPE

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PCT International Filing Date: October 30, 2003

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Atty. Docket No.: 5200.P0067US

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAILING CERTIFICATE

Sir:

I hereby certify that the attached paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FLYNN, THIEL, BOUTELL & TANIS, P.C.

By:



Date:

JUN 17 2005

Document(s) attached: Nationalized PCT Application  
Transmittal dated June 17, 2005  
including documents listed thereon

Telephone: (269) 381-1156

391.05/05